

SEQUENCE LISTING

<110> Madison, Edwin
 Ong, Edgar
 Yeh, Juinn-Chern

<120> NUCLEIC ACID MOLECULES ENCODING SERINE PROTEASE 16, THE
 ENCODED PROTEINS AND METHODS BASED THEREON

<130> 24745-1625

<140> Not Yet Assigned

<141> Herewith

<150> 60/394,347

<151> 02-JUL-02

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<170> FastSEQ for Windows Version 4.0

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<223> Nucleotide sequence encoding MTSP1

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Glu Lys Val Asn Gly Leu Glu Glu Gly Val Glu Phe Leu Pro Val Asn
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Asn Val Lys Lys Val Glu Lys His Gly Pro Gly Arg Trp Val Val Leu
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Leu Gln Lys Gly Glu Ile Arg Val Ile Asn Gln Thr Thr Cys Glu Asn	
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ctc ctg ccg cag cag atc acg ccg cgc atg atg tgc gtg ggc ttc ctc	2404
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 195 200 205
 Thr Gln Asp Asn Ser Cys Ser Phe Gly Leu His Ala Arg Gly Val Glu
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<212> DNA

<213> Homo Sapien

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<221> CDS

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<223> Nucleic acid sequence of protease domain of MTSP1

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<212> PRT
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Ser Pro Asn Trp Leu Val Ser Ala Ala His Cys Tyr Ile Asp Asp Arg
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Gly Phe Arg Tyr Ser Asp Pro Thr Gln Trp Thr Ala Phe Leu Gly Leu
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His Asp Gln Ser Gln Arg Ser Ala Pro Gly Val Gln Glu Arg Arg Leu
65     70     75     80
Lys Arg Ile Ile Ser His Pro Phe Phe Asn Asp Phe Thr Phe Asp Tyr
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Asp Ile Ala Leu Leu Glu Leu Glu Lys Pro Ala Glu Tyr Ser Ser Met
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115    120    125
Lys Ala Ile Trp Val Thr Gly Trp Gly His Thr Gln Tyr Gly Gly Thr
130    135    140
Gly Ala Leu Ile Leu Gln Lys Gly Glu Ile Arg Val Ile Asn Gln Thr
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195    200    205
Val Val Ser Trp Gly Asp Gly Cys Ala Gln Arg Asn Lys Pro Gly Val
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<220>
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cct	gaa	gat	ctg	gac	tgc	ggg	cgc	cct	gag	ccc	tcg	gcc	cgc	atc	gtg	144
Pro	Glu	Asp	Leu	Asp	Cys	Gly	Arg	Pro	Glu	Pro	Ser	Ala	Arg	Ile	Val	
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Gly	Gly	Ser	Asn	Ala	Gln	Pro	Gly	Thr	Trp	Pro	Trp	Gln	Val	Ser	Leu	
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His	His	Gly	Gly	Gly	His	Ile	Cys	Gly	Gly	Ser	Leu	Ile	Ala	Pro	Ser	
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Trp	Val	Leu	Ser	Ala	Ala	His	Cys	Phe	Met	Thr	Asn	Gly	Thr	Leu	Glu	
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ccc	gcg	gcc	gag	tgg	tcg	gta	ctg	ctg	ggc	gtg	cac	tcc	cag	gac	ggg	336
Pro	Ala	Ala	Glu	Trp	Ser	Val	Leu	Leu	Gly	Val	His	Ser	Gln	Asp	Gly	
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Gly	Trp	Gly	Asp	Val	Gln	Glu	Ala	Asp	Pro	Leu	Pro	Leu	Pro	Trp	Val	
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Leu	Tyr	Ser	Gln	Pro	Gly	Pro	Phe	Asn	Leu	Thr	Leu	Gln	Ile	Leu	Pro	
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Arg	Thr	Pro	Val	Asn	Leu	Ser	Ala	Ala	Ser	Arg	Pro	Val	Cys	Leu	Pro		
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2293

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<220>

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Lys	Thr	Gln	Ser	Asp	Pro	Gln	Glu	Pro	Arg	Glu	Glu	Asn	Cys	Thr	Ile
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Asn Ser Ser Asp Ser Pro Pro Arg Asp Leu Asp Ala Trp Arg Val Leu
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Leu Pro Ser His Pro Arg Ala Glu Arg Val Ala Arg Leu Val Gln His
385 390 395 400
Glu Asn Ala Ser Trp Asp Asn Ala Pro Asp Leu Ala Leu Leu Gln Leu
405 410 415
Arg Thr Pro Val Asn Leu Ser Ala Ala Ser Arg Pro Val Cys Leu Pro
420 425 430
His Pro Glu His Tyr Phe Leu Pro Gly Ser Arg Cys Arg Leu Ala Arg
435 440 445
Trp Gly Arg Gly Glu Pro Ala Leu Gly Pro Gly Ala Leu Leu Glu Ala
450 455 460
Glu Leu Leu Gly Gly Trp Trp Cys His Cys Leu Tyr Gly Arg Gln Gly
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